



E-CORE LED FLOODLIGHT 3000

Night-time lighting of buildings and other structures is a standard element of urban spatial design. This pivoting facade spotlight is the suitable tool for the job. Unbreakable, long-lasting and with an impressively uniform light output, it makes modern architectural lighting a reality. In figures, this represents 3,000 lumen at a power consumption of just 35 W and a nominal service life of 60,000 hours.

Application:

- + Architectural lighting
- + Area lighting
- + Illumination of billboards

Product details

- + Excellent light quality
- + High range of adjustability
- + Extremely robust design
- + Temperature range: -20°C to +35°C
- + Constant lumen output (CLO), switchable
- + ENEC



Optical parameters

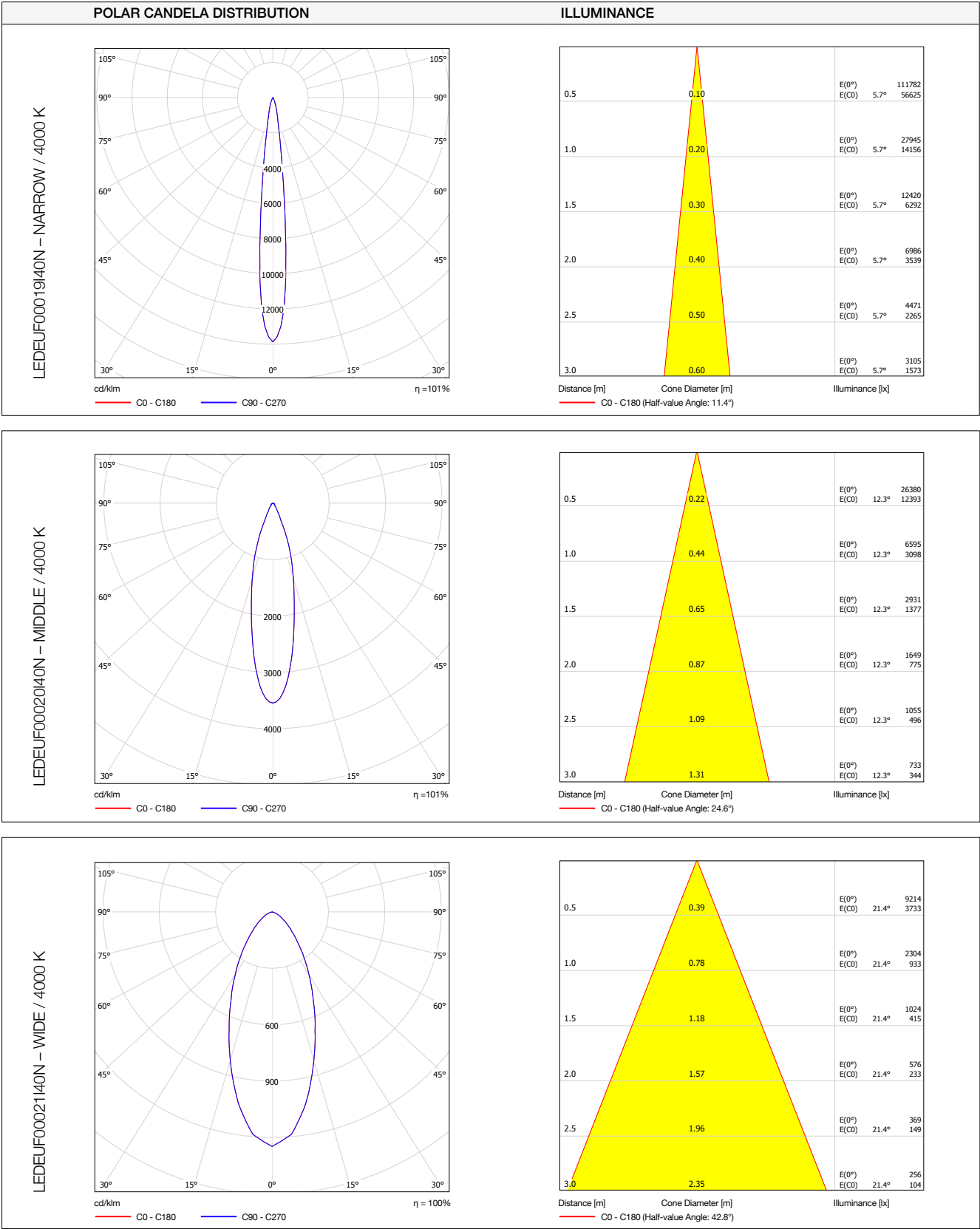
MODEL NAME	E-CORE LED FLOODLIGHT 3000 / NARROW - 11°		
Product code	LEDEUF00019I30N	LEDEUF00019I40N	LEDEUF00019I50N
Luminous flux with CLO ON	2,015 lm	2,015 lm	2,880 lm
Luminous flux with CLO OFF	2,620 lm	2,620 lm	3,740 lm
Efficacy with CLO ON	67.2 lm/W	67.2 lm/W	96.0 lm/W
Efficacy with CLO OFF	65.5 lm/W	65.5 lm/W	93.5 lm/W
Colour description	Warm white	Neutral white	Neutral white
Colour temperature	3000 K	4000 K	5000 K
Colour rendering index	Ra ≥ 80	Ra ≥ 80	Ra ≥ 80

MODEL NAME	E-CORE LED FLOODLIGHT 3000 / MIDDLE - 25°		
Product code	LEDEUF00020I30N	LEDEUF00020I40N	LEDEUF00020I50N
Luminous flux with CLO ON	1,860 lm	1,860 lm	2,655 lm
Luminous flux with CLO OFF	2,420 lm	2,420 lm	3,450 lm
Efficacy with CLO ON	62.0 lm/W	62.0 lm/W	88.5 lm/W
Efficacy with CLO OFF	60.5 lm/W	60.5 lm/W	86.3 lm/W
Colour description	Warm white	Neutral white	Neutral white
Colour temperature	3000 K	4000 K	5000 K
Colour rendering index	Ra ≥ 80	Ra ≥ 80	Ra ≥ 80

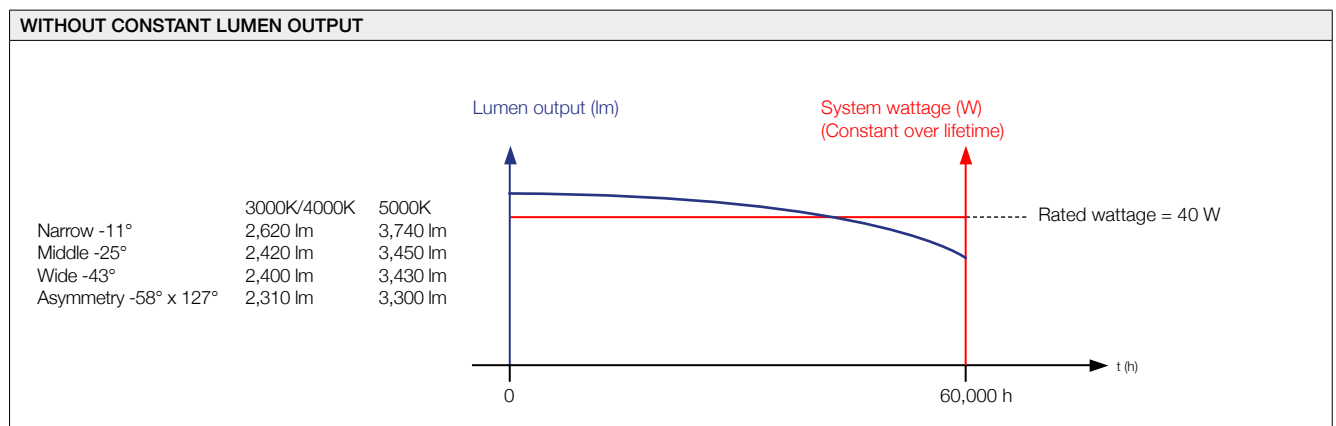
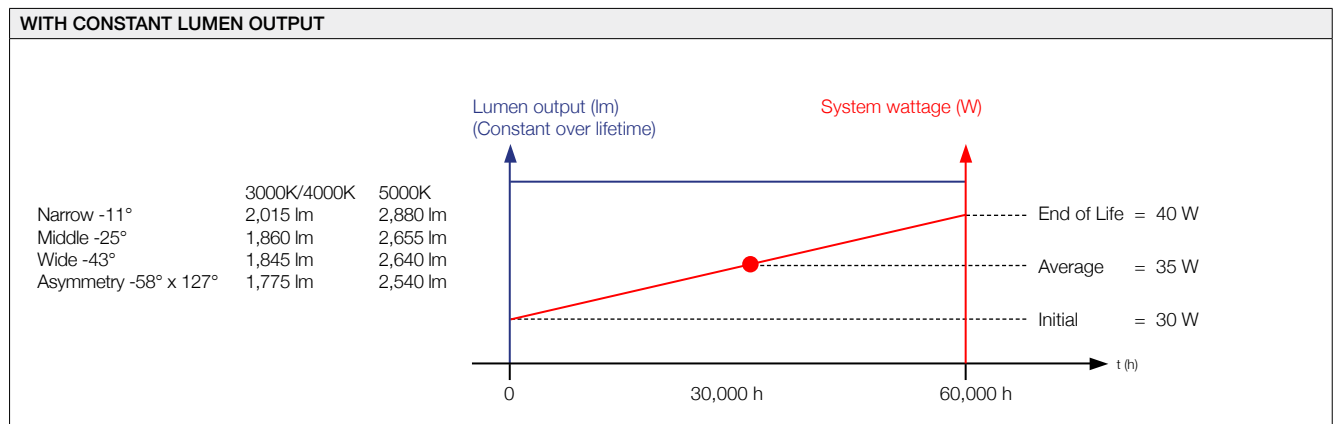
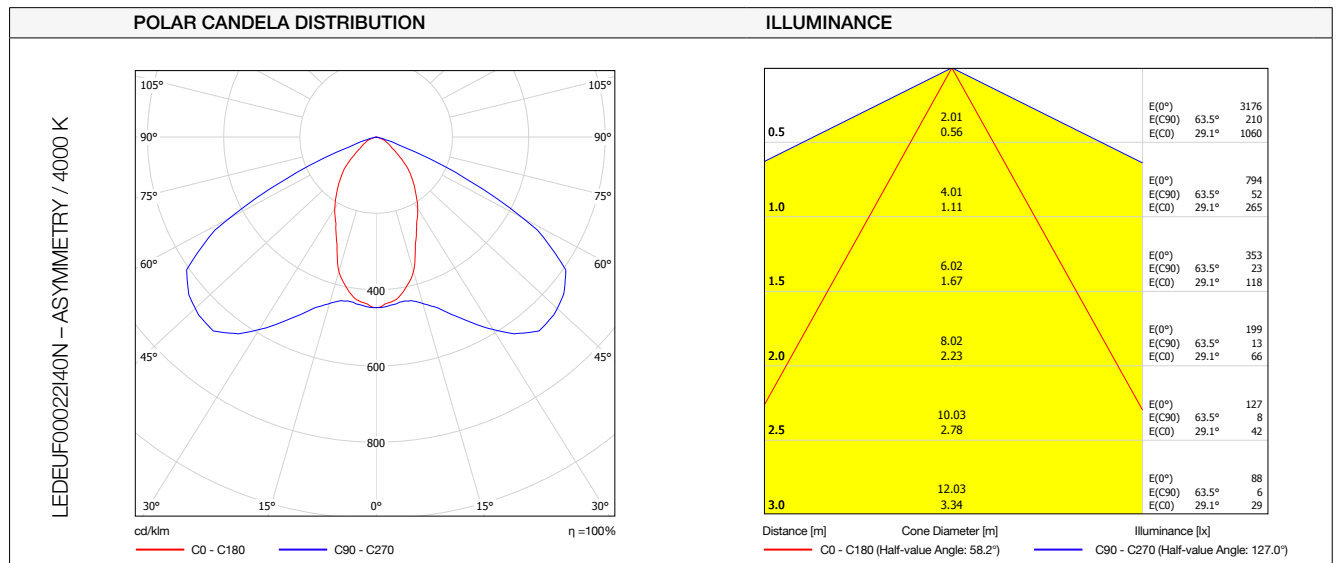
MODEL NAME	E-CORE LED FLOODLIGHT 3000 / WIDE - 43°		
Product code	LEDEUF00021I30N	LEDEUF00021I40N	LEDEUF00021I50N
Luminous flux with CLO ON	1,845 lm	1,845 lm	2,640 lm
Luminous flux with CLO OFF	2,400 lm	2,400 lm	3,430 lm
Efficacy with CLO ON	61.5 lm/W	61.5 lm/W	88.0 lm/W
Efficacy with CLO OFF	60.0 lm/W	60.0 lm/W	85.8 lm/W
Colour description	Warm white	Neutral white	Neutral white
Colour temperature	3000 K	4000 K	5000 K
Colour rendering index	Ra ≥ 80	Ra ≥ 80	Ra ≥ 80

MODEL NAME	E-CORE LED FLOODLIGHT 3000 / ASYMMETRY - 58° x 127°		
Product code	LEDEUF00022I30N	LEDEUF00022I40N	LEDEUF00022I50N
Luminous flux with CLO ON	1,775 lm	1,775 lm	2,540 lm
Luminous flux with CLO OFF	2,310 lm	2,310 lm	3,300 lm
Efficacy with CLO ON	59.2 lm/W	59.2 lm/W	84.7 lm/W
Efficacy with CLO OFF	57.8 lm/W	57.8 lm/W	82.5 lm/W
Colour description	Warm white	Neutral white	Neutral white
Colour temperature	3000 K	4000 K	5000 K
Colour rendering index	Ra ≥ 80	Ra ≥ 80	Ra ≥ 80

Optical parameters



Optical parameters



CLO – Constant Light output Technology increases the wattage of product over time to overcome Lumen Maintenance drop. As a result the rated wattage stated is the wattage at end of life at 60,000 hours. For energy calculations, please use average wattage over life.

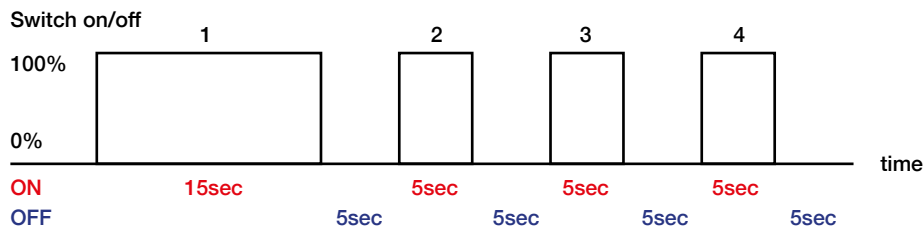
Switch off and on of CLO feature

How to switch off constant lumen output function

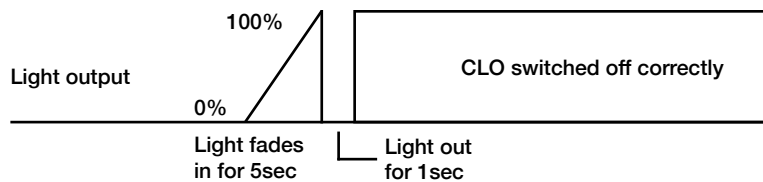
Warning!

- ⊕ No energy saving if the CLO is switched off
- ⊕ Life time is counted even when the CLO is switched off. When the CLO is switched on again, the life time during switched off phase will be automatically added.

1. Repeat the four on/off cycles for the given time.

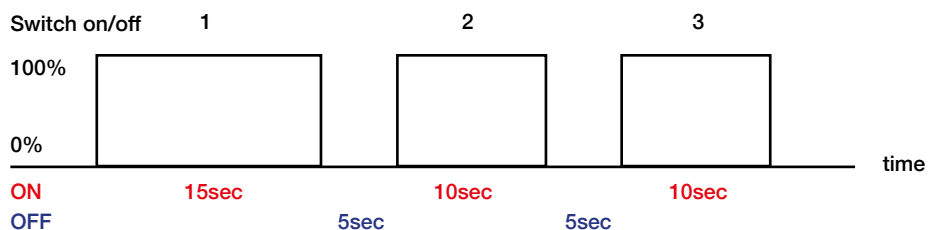


2. Check if the CLO is switched off correctly as follows:
Switch on (5th time) → light fades in gradually for 5sec → light out for 1sec
If no light fade-in is seen, please repeat No.1 and then check No.2.

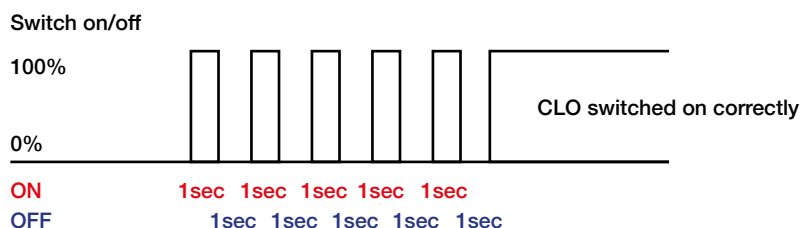


How to switch on constant lumen output function again after switched off

1. Repeat the four on/off cycles for the given time.



2. Check if the CLO is switched on correctly as follows:
Switch on (5th time) → on 1sec, off 1sec x 3 times
If no on/off is seen, please repeat No.1 and then check No.2.



Electrical parameters

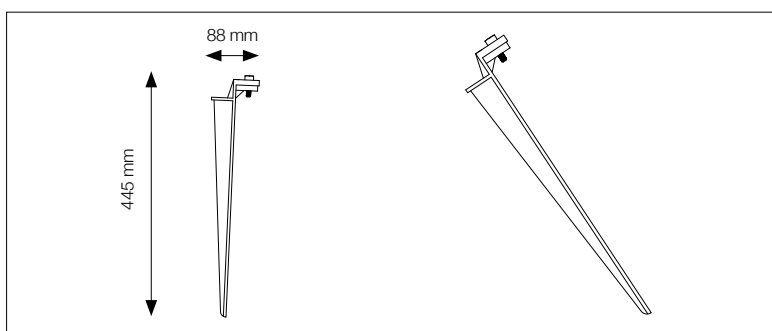
MODEL NAME	E-CORE LED FLOODLIGHT 3000
Average wattage with CLO ON	35 W
Rated wattage with CLO OFF	40 W
Rated voltage	220-240 V
Frequency	50 / 60 Hz
Rated input current	182 mA
Power factor	> 0.9
Electrical class	Class II
Connection	Cable 1.2 m, 2 x 1.0 mm ²
Dimming / CLO	No / Yes
Lifetime	60,000 hours

Mechanical parameters

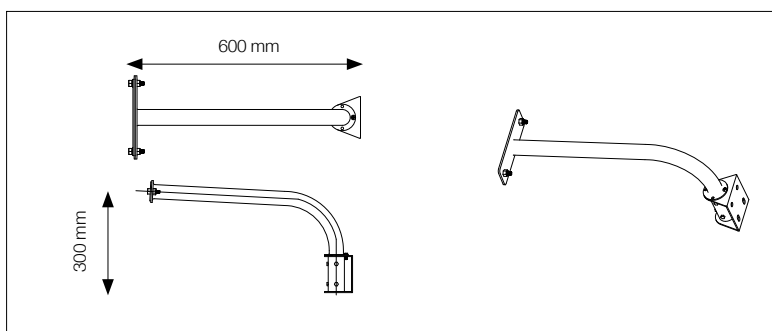
MODEL NAME	E-CORE LED FLOODLIGHT 3000
Body	Die cast aluminium
Finishing	Silver
Lighting outlet	1
Type of installation	Surface mounting
IP/IK rating	IP65 / IK07
LED module	Non-replaceable – Integrated
Approval mark	CE / ENEC
Ambient temperature Ta	-20 °C – +35 °C
Net weight	3,400 g

Accessories

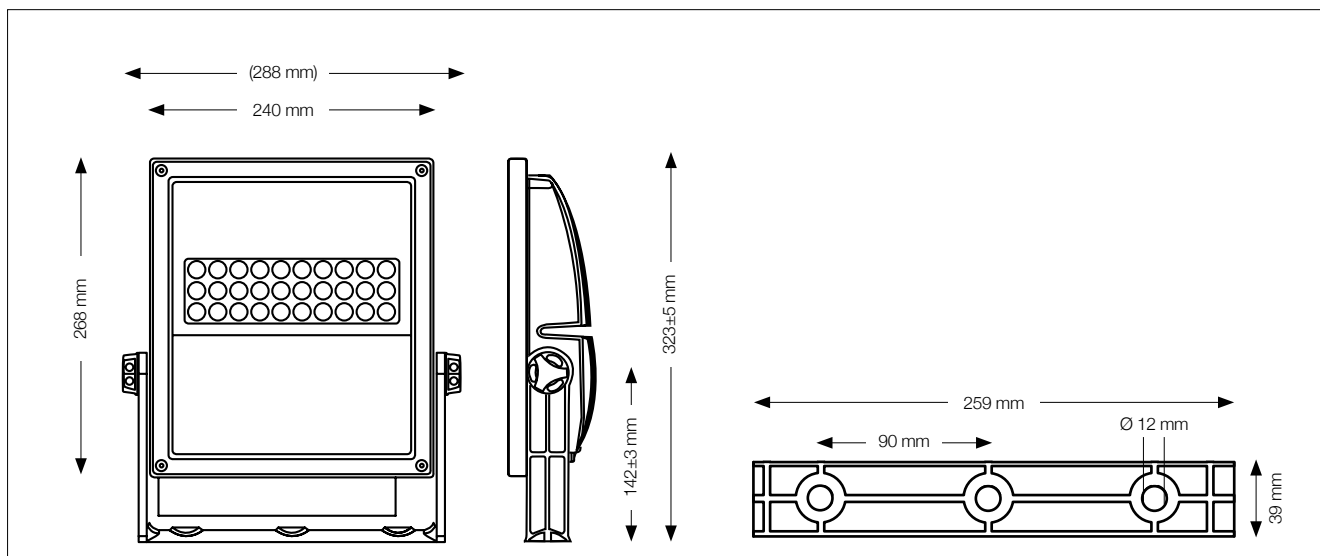
MODEL NAME	GRASS MOUNTING SPIKE	
Product code	LEDEUFX0004	LEDEUFX0005
Finishing	White	Silver



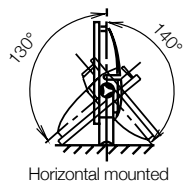
MODEL NAME	WALL MOUNTING ARM	
Product code	LEDEUFX0002	LEDEUFX0003
Finishing	White	Silver



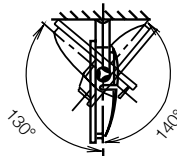
Drawings



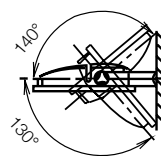
Movable angle



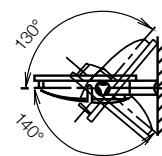
Horizontal mounted



Ceiling mounted



Wall mounted (downwards)



Wall mounted (upwards)

Logistic data

PRODUCT CODE	EAN CODE	DESCRIPTION	SIZE OF PACKAGING (L x H x W)	GROSS WEIGHT
LEDEUF00019I30N	4974550488761	E-CORE LED FLOODLIGHT 3000 3000 K / Narrow	340 x 310 x 105 mm	4,520 g
LEDEUF00019I40N	4974550488778	E-CORE LED FLOODLIGHT 3000 4000 K / Narrow	340 x 310 x 105 mm	4,520 g
LEDEUF00019I50N	4974550488785	E-CORE LED FLOODLIGHT 3000 5000 K / Narrow	340 x 310 x 105 mm	4,520 g
LEDEUF00020I30N	4974550488792	E-CORE LED FLOODLIGHT 3000 3000 K / Medium	340 x 310 x 105 mm	4,520 g
LEDEUF00020I40N	4974550488808	E-CORE LED FLOODLIGHT 3000 4000 K / Medium	340 x 310 x 105 mm	4,520 g
LEDEUF00020I50N	4974550488815	E-CORE LED FLOODLIGHT 3000 5000 K / Medium	340 x 310 x 105 mm	4,520 g
LEDEUF00021I30N	4974550488822	E-CORE LED FLOODLIGHT 3000 3000 K / Wide	340 x 310 x 105 mm	4,520 g
LEDEUF00021I40N	4974550488839	E-CORE LED FLOODLIGHT 3000 4000 K / Wide	340 x 310 x 105 mm	4,520 g
LEDEUF00021I50N	4974550488846	E-CORE LED FLOODLIGHT 3000 5000 K / Wide	340 x 310 x 105 mm	4,520 g
LEDEUF00022I30N	4974550488853	E-CORE LED FLOODLIGHT 3000 3000 K / Asymmetric	340 x 310 x 105 mm	4,520 g
LEDEUF00022I40N	4974550488860	E-CORE LED FLOODLIGHT 3000 4000 K / Asymmetric	340 x 310 x 105 mm	4,520 g
LEDEUF00022I50N	4974550488877	E-CORE LED FLOODLIGHT 3000 5000 K / Asymmetric	340 x 310 x 105 mm	4,520 g
LEDEUFX0004	4974550453929	Grass mounting spike - White	Order separately	
LEDEUFX0005	4974550453936	Grass mounting spike - Silver	Order separately	
LEDEUFX0002	4974550453905	Wall mounting arm - White	Order separately	
LEDEUFX0003	4974550453912	Wall mounting arm - Silver	Order separately	

www.toshiba.eu/lighting